

Fig. S1: Mouse nectin-1 and HVEM RNA expression

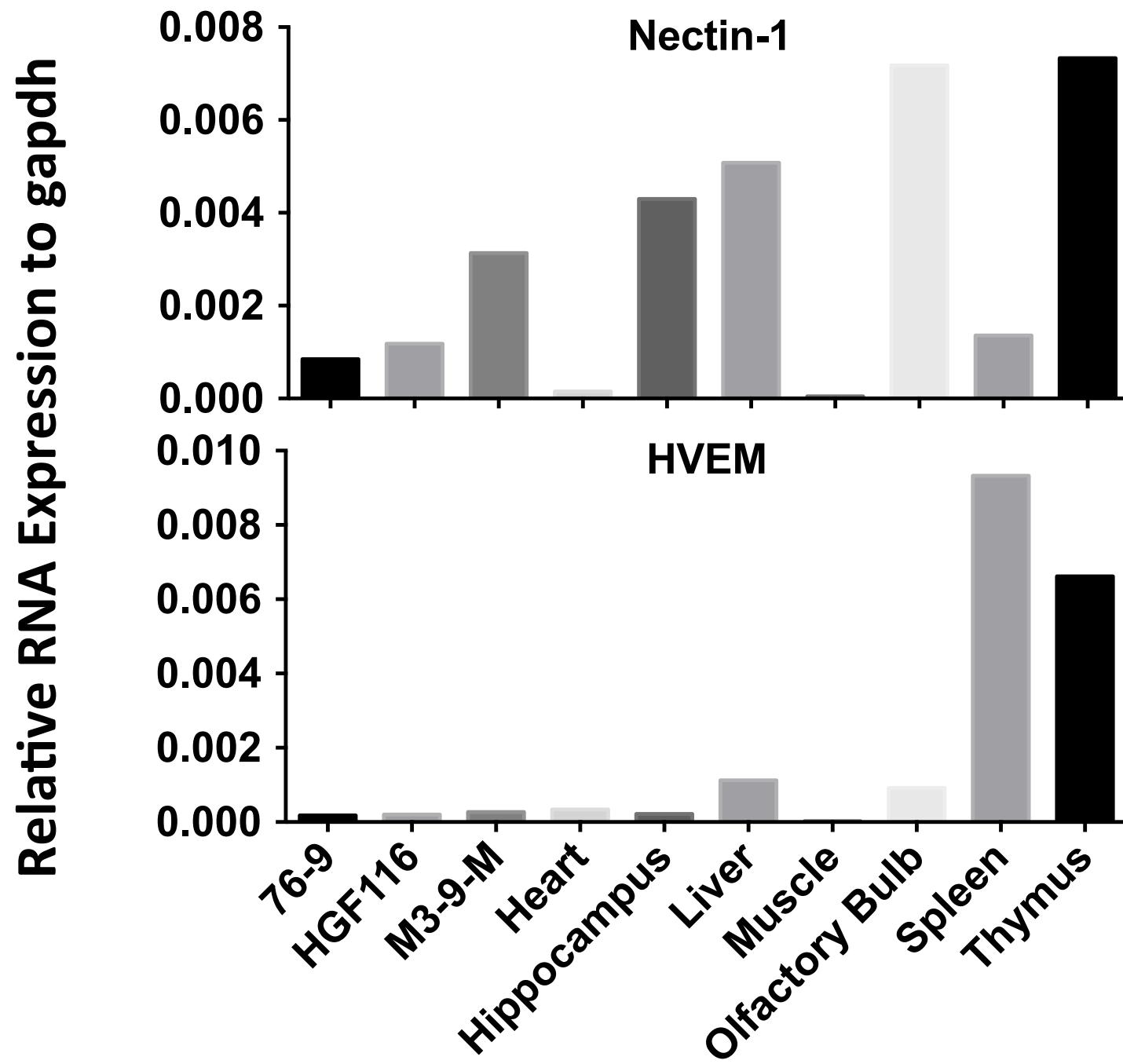


Fig. S2: *In vitro* and *In vivo* sensitivity to rRp450 following stable expression of the human Nectin-1 receptor.

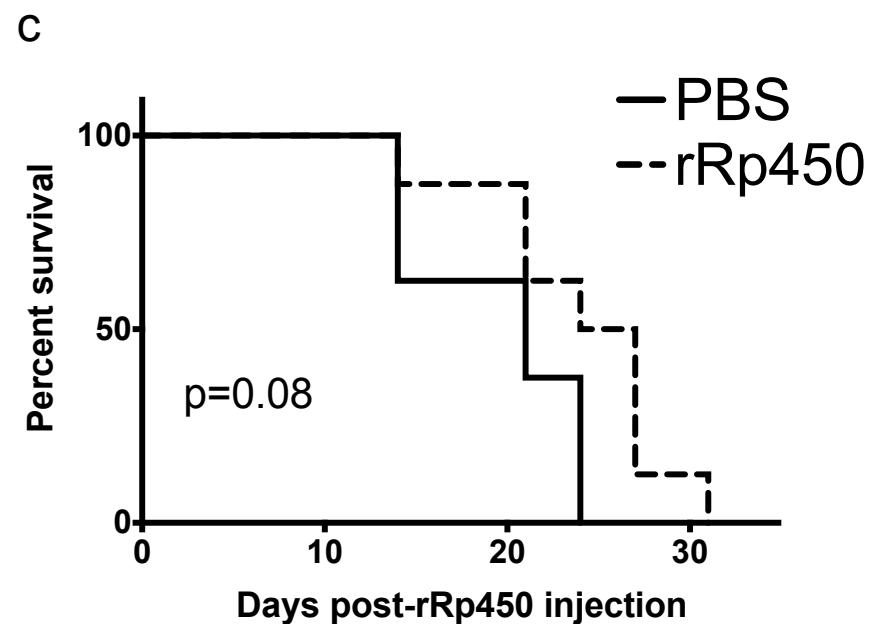
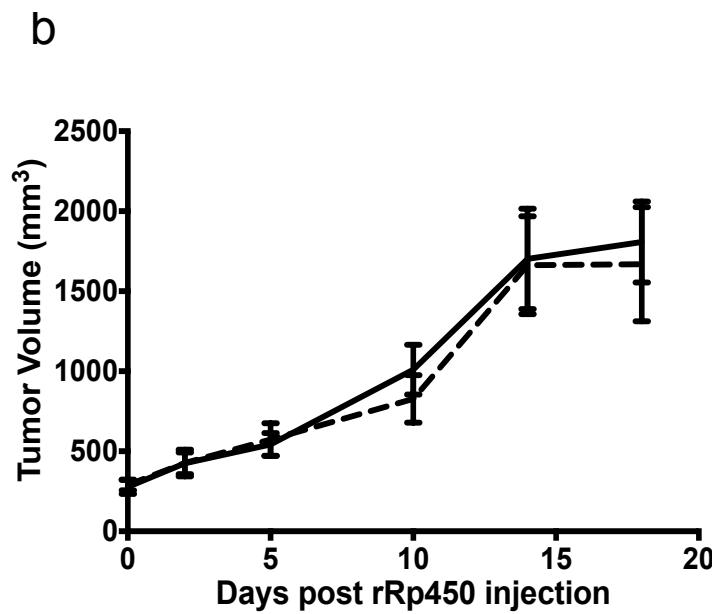
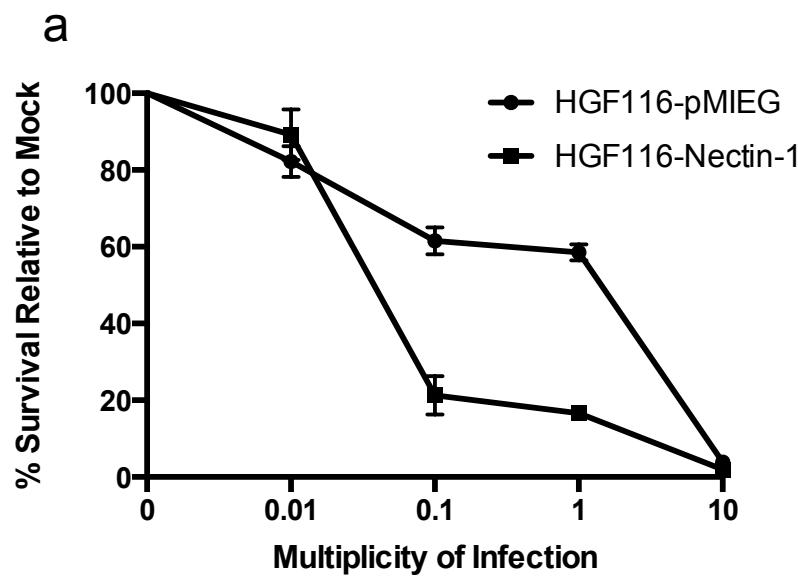
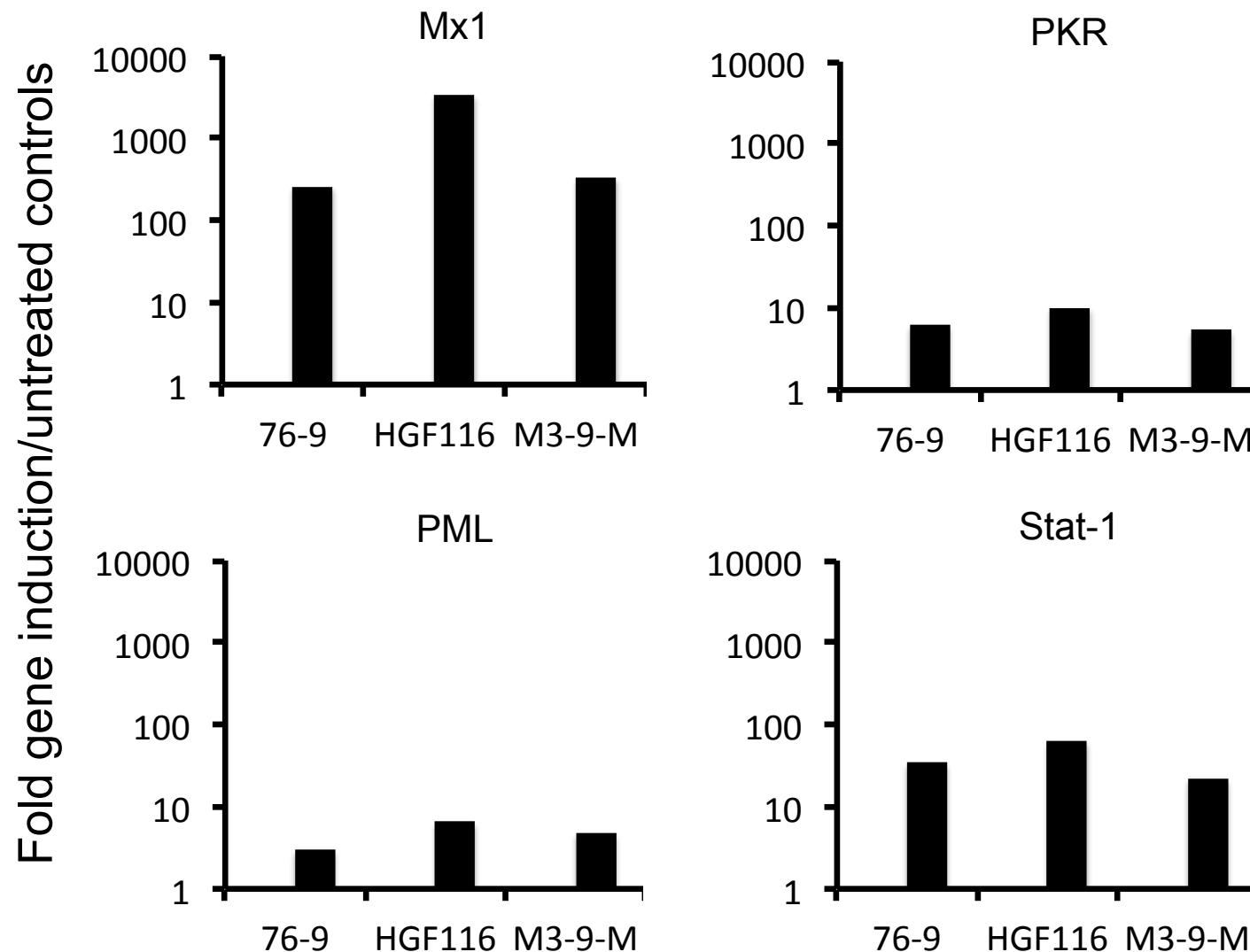


Fig. S3. Induction of ISGs by type I interferon in mouse sarcoma cell lines.



Cells were analyzed by PCR for gene expression after a 16 hr incubation with 1000 U/mL of mouse IFN- β . Data show the fold induction over cells without IFN- β .

Fig. S4. Baseline and cytokine-induced MHC class I Kb expression in mouse sarcoma models.

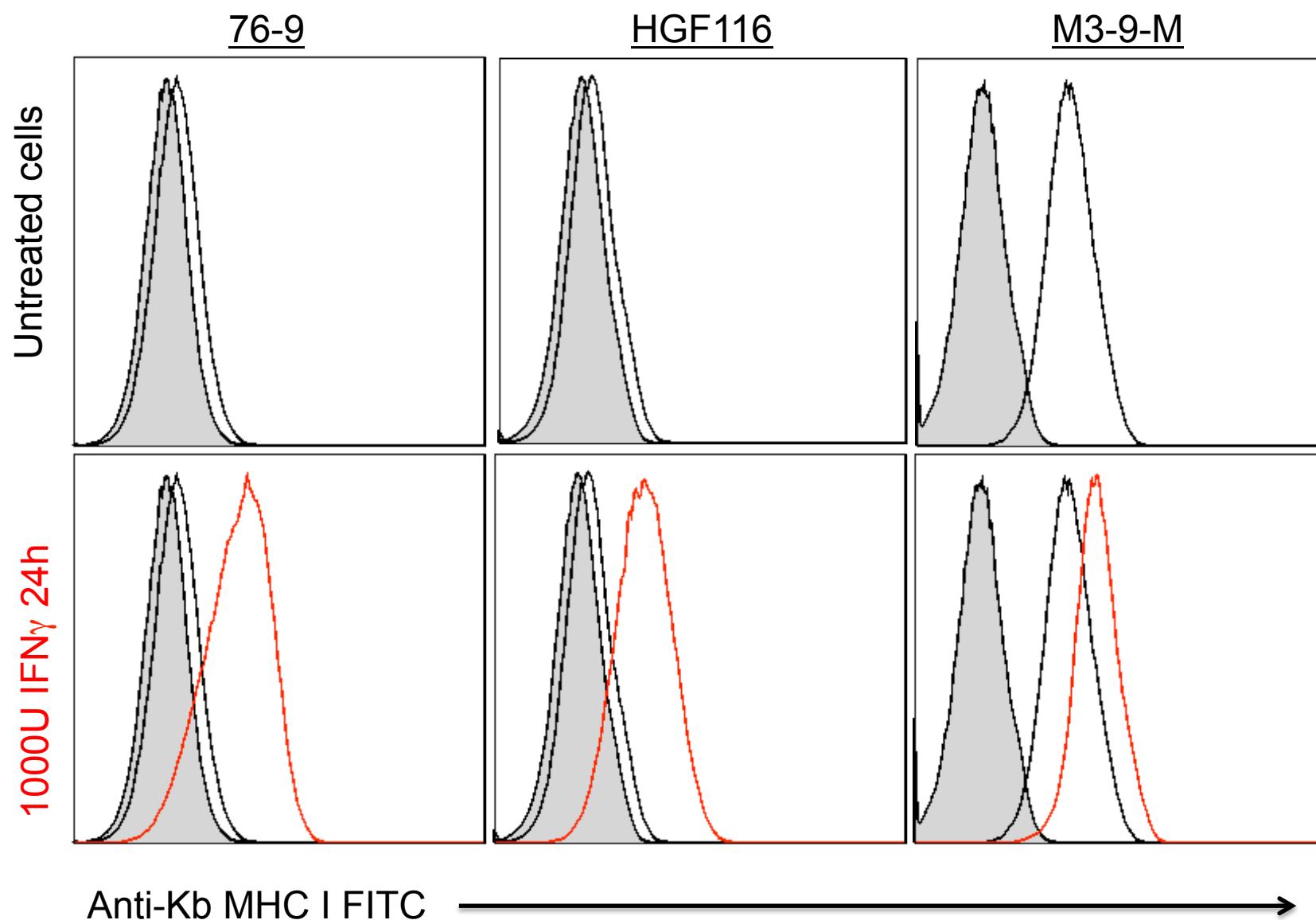


Fig. S5. Timecourse of cytokine gene expression in following oHSV injection.

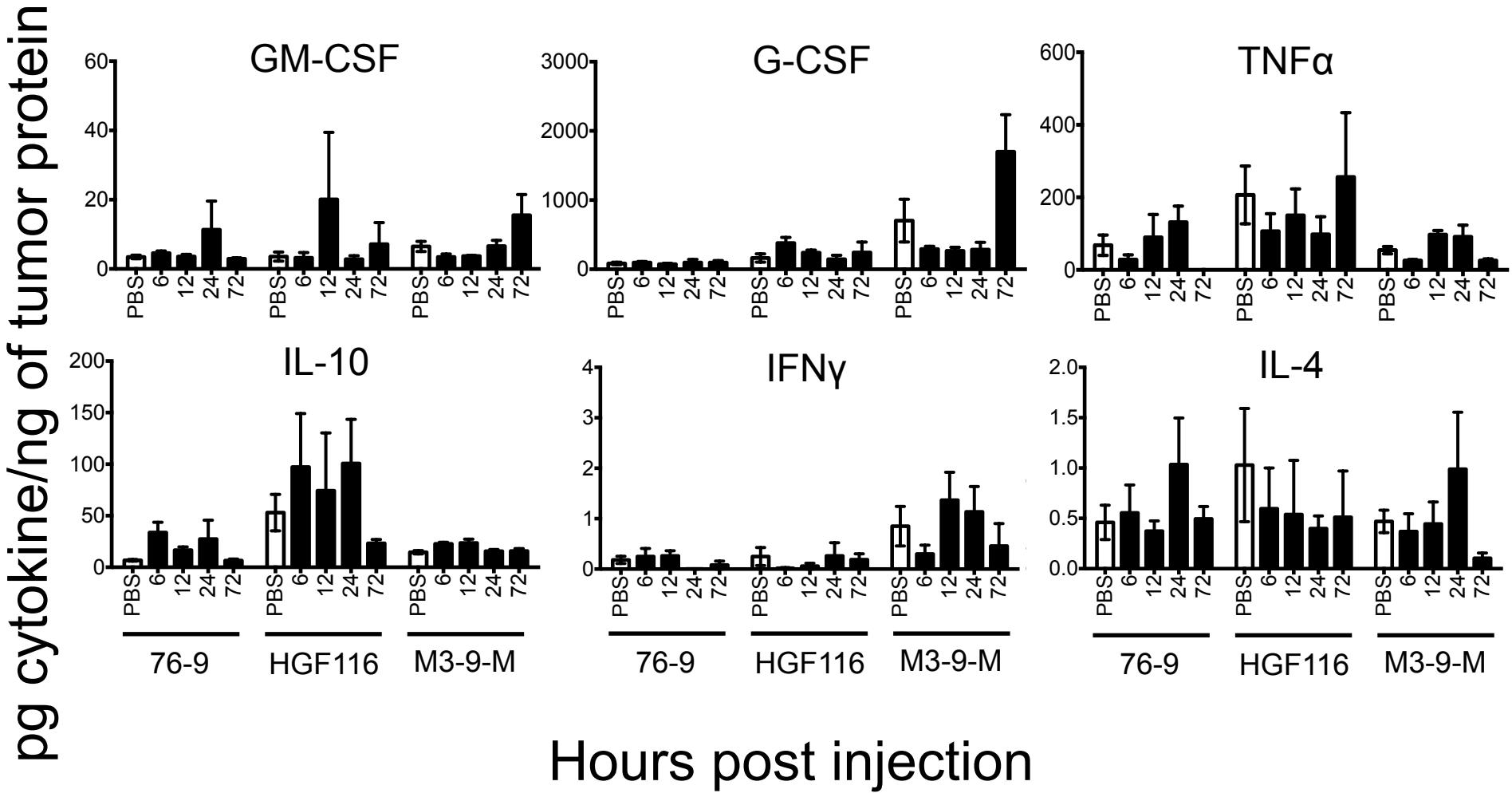
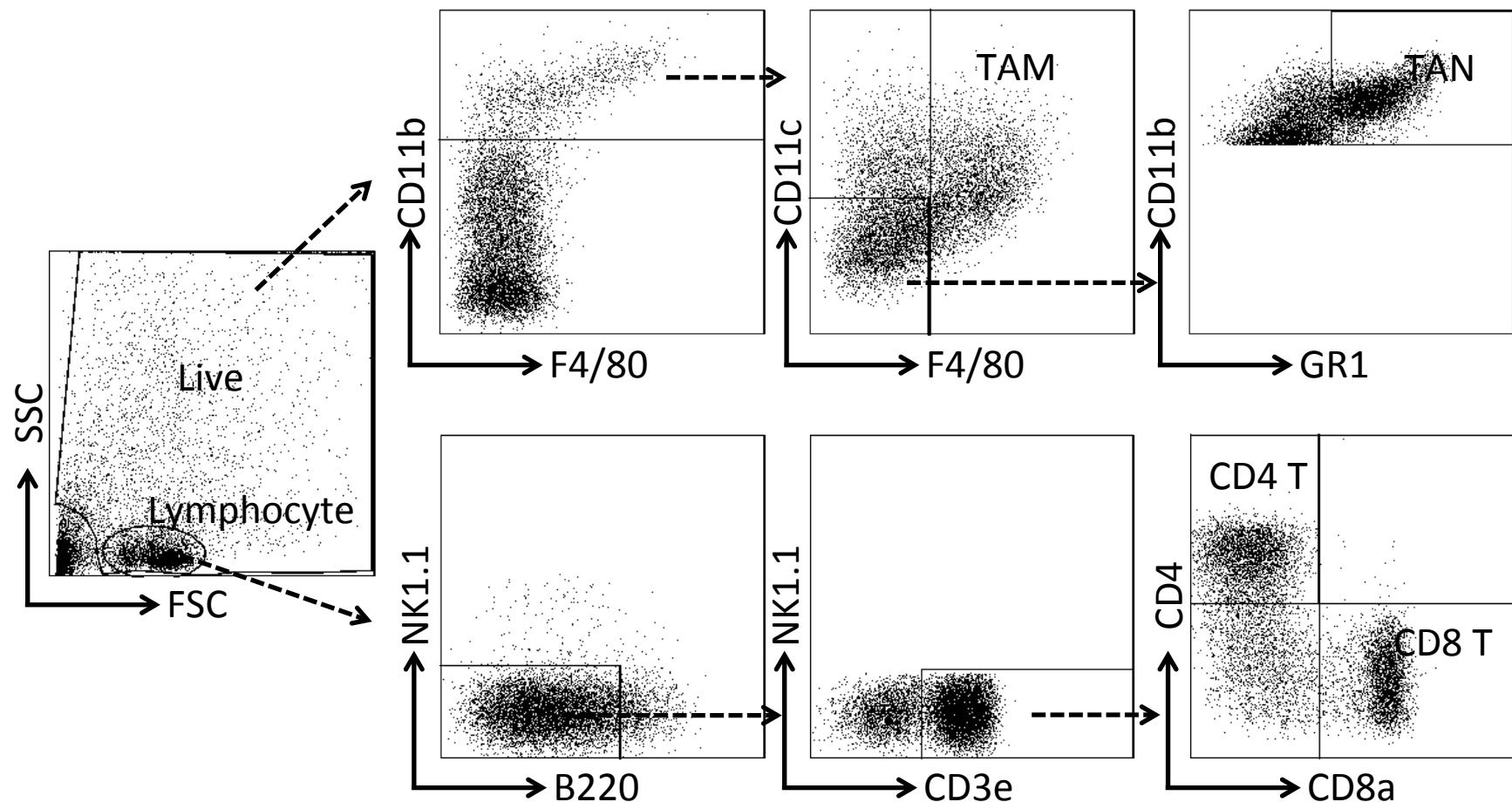


Fig. S6. FACS gating strategy for analysis of cellular infiltration.



TAM: $\text{CD11B}^+\text{F4}/80^+$ cells in live gate

TAN: $\text{CD11B}^+\text{CD11c}^-\text{F4}/80^-\text{Gr-1}^+$ cells in live gate

CD4 T: $\text{NK1.1}^-\text{B220}^-\text{CD3e}^+\text{CD4}^+$ cells in lymphocyte gate

CD8 T: $\text{NK1.1}^-\text{B220}^-\text{CD3e}^+\text{CD8}^+$ cells in lymphocyte gate

Table S1: Primers used for gene expression analysis

	Forward (5'→3')	Reverse (5'→3')
Mouse gene		
GAPDH	TGCACCACCAACTGCTTAGC	GGCATGGACTGTGGTCATGAG
HVEM	GTCTACTACGTTGTGTCCATCC	GTCTTGTCACCCCAGAATTGTTC
Nectin-1	GAT GGC TCG GAT GGG GCT TGC GGG	CTG CCA TGT GAC CTG GGT GAT TTT CAC
IFN-β	AGACTATTGTTGTACGTCTCC	CAGTAATAGCTCTTCAAGTGG
Mx-1	TGTGCAGGCACTATGAGGAG	ACTCTGGTCCCCAATGACAG
Pml	AGCATTGTCTCATCCAGAGC	CGCTCTCAGTTCACAGGATT
PKR	GCACCGGGTTTGTATCGA	GGAGCACGAAGTACAAGCGC